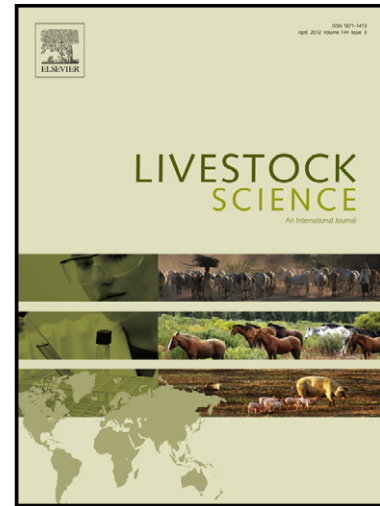


Author's Accepted Manuscript

Comparisons of carcass and meat quality among rabbit breeds of different sizes, and Hybrid rabbits

E. Tůmová, Z. Bízková, V. Skřivanová, D. Chodová, M. Martinec, Z. Volek



www.elsevier.com/locate/livsci

PII: S1871-1413(14)00220-0
DOI: <http://dx.doi.org/10.1016/j.livsci.2014.04.019>
Reference: LIVSCI2427

To appear in: *Livestock Science*

Received date: 16 July 2013
Revised date: 14 April 2014
Accepted date: 17 April 2014

Cite this article as: E. Tůmová, Z. Bízková, V. Skřivanová, D. Chodová, M. Martinec, Z. Volek, Comparisons of carcass and meat quality among rabbit breeds of different sizes, and Hybrid rabbits, *Livestock Science*, <http://dx.doi.org/10.1016/j.livsci.2014.04.019>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Comparisons of carcass and meat quality among rabbit breeds of different sizes,
and hybrid rabbits

E. Tůmová,^{a*} Z. Bízková^a, V. Skřivanová^b, D. Chodová^a, M. Martinec^a, Z. Volek^b

^a Czech University of Life Sciences Prague, 165 21 Prague 6 Suchbát, Czech Republic

^b Institute of Animal Science Prague – Uhřetěves, Přátelství 815, 104 00 Prague- Uhřetěves,
Czech Republic

*Corresponding author. Czech University of Life Sciences Prague, Department of Animal Husbandry, 165 21 Prague 6 Suchbát, Czech Republic, Tel. +420224383048, Fax: +420224383065 e-mail address: tumova@af.czu.cz (E. Tůmová)

ABSTRACT

The aim of the present study was to evaluate the differences in carcass composition, meat quality characteristics, and muscle fibre characteristics among rabbits of different sizes and of different breeds. The present study was performed using 96 rabbits (12 rabbits per group) at the age of 90 days, including seven pure breeds and one commercial hybrid. The included rabbit breeds were as follows: the giant breed Moravian Blue (MB); the medium breeds Czech White (CW), Czech Spotted (CS), Czech Solver (CSo), and Moravian White of Brown Eye (MW); the small breeds Czech Black Guard Hair (CB) and Czech Gold (CG); and the hybrid Hyplus rabbits (PS 19 x PS 39). The slaughter weights were significantly ($P < 0.001$) affected by the breed. Comparisons of the dressing out percentage showed significant differences ($P < 0.001$) among groups, and the lowest dressing out percentage was observed in the small breed CB (56.7 %). The lowest values for the hind part percentage, hind leg percentage and hind leg meat percentage were in the medium breed CS (50.1%, 28.2% and

Download English Version:

<https://daneshyari.com/en/article/8502195>

Download Persian Version:

<https://daneshyari.com/article/8502195>

[Daneshyari.com](https://daneshyari.com)